



Available in 40 and 50 Gallon Tall – 40 and 50 Gallon Short Gas Models

- ▶ **6-Year Limited Tank and Parts Warranty***
- ▶ **With ProtectionPlus™ the 6-Year Limited Tank Warranty Becomes 10 Years!*****

Guardian System™

- Air/fuel shut-off system offers double protection
- Maintenance free – no filter to clean



Flammable Vapor Detection Sensor

- Protective control system that disables the heater in the presence of flammable vapor accumulation



Flexible Venting Options

- Long venting lengths up to 100 feet
- PVC, ABS, or CPVC vent pipe options
- Vertical or horizontal termination

New Quiet Blower

- Less noise than ever before

Self-Diagnostic System

- Integrated self-diagnostic system control takes the guess work away

Environmentally Friendly Burner

- Low NOx design for low nitrous oxide emissions

High Altitude Compliant

- Tall models are certified for applications up to 7,700 feet above sea level
- Short models: certified up to 6,000 feet above sea level

Self-Cleaning

- EverKleen™ patented system fights sediment build-up
- Reduces fuel costs
- Provides more hot water

Longer Life

- Patented magnesium anode rod design incorporates a special resistor that protects the tank from corrosion.
- Provides longer tank life than using standard magnesium anode rods

Plus...

- Electronic ignition system
- Standard 110 volt electrical connection
- Exceeds National Appliance Energy Conservation Act (NAECA) and ASHRAE requirements

* See Residential Warranty Information Brochure for complete warranty information.

** For more details, see form 101-7.

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas 91¢/therm; LP \$1.23/gallon.

DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.	
TYPE	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/HR.		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.	HT. TO TOP OF ASSEMBLY A	TANK HT. B	DIAM. C	HT. TO GAS CONN. D	WATER CONN. CNTR. E	HT. TO SIDE T&P VALVE F	WATER CONN. SIZE G	SHIP. WT. (LBS.)	ENERGY FACTOR NAT.	AVG. ANN. OPER. COSTS NAT. GAS
			NAT.	LP	NAT.	LP											
TALL	40	42VP40F	40	40	40.4	40.4	68	69-1/4	59	19-3/4	14	8	53-1/2	3/4	140	0.64	\$213
	50	42VP50F	42	42	42.4	42.4	87	68-1/4	58	21-3/4	14	8	52-1/2	3/4	170	0.64	\$213
SHORT	40	42VP40SF	36	34	36.4	34.3	71	61-1/2	50-1/2	20-1/4	14	8	44	3/4	152	0.64	\$213
	50	42VP50SF	36	34	36.4	34.3	85	61-1/2	50-1/2	22-1/4	14	8	44	3/4	176	0.62	\$220

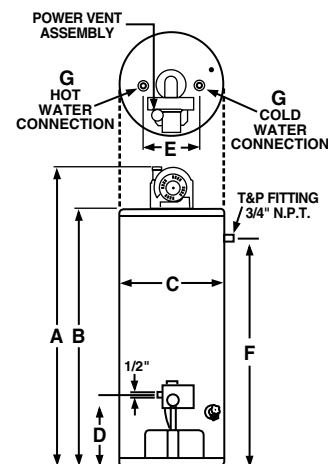
• Specify LP gas when ordering. Add "PF" suffix to the model number. Example 42VP40PF.

VENTING INFORMATION FOR 2" VENTS			
NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	4.0	44.0
One (1)	One (1)	4.0	41.0
Two (2)	None	4.0	38.0
Two (2)	One (1)	4.0	35.0
Three (3)	None	4.0	32.0

For the 2" vent, one 90° elbow is approximately equal to 6 feet of pipe. One 45° elbow is approximately equal to 3 feet of pipe.

VENTING INFORMATION FOR 3" VENTS			
NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	5.0	95.0
One (1)	One (1)	5.0	92.5
Two (2)	None	5.0	90.0
Two (2)	One (1)	5.0	87.5
Three (3)	None	5.0	85.0
Three (3)	One (1)	5.0	82.5
Four (4)	None	5.0	80.0
Four (4)	One (1)	5.0	77.5
Five (5)	None	5.0	75.0

For the 3" vent, one 90° elbow is approximately equal to 5 feet of pipe. One 45° elbow is approximately equal to 2.5 feet of pipe.



These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria for energy consuming appliances.

Before purchasing this appliance, read important energy cost and efficiency information available from your supplier.

**FOR POWERVENT
75 GAL. MODELS, SEE
FORM NO. 101-75**

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.